



U.S. Department of Education
Grant Performance Report (ED 524B)
Executive Summary

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Executive Summary

In 2005, the State of Michigan contracted with the CELT Corporation in conjunction with the Council of Chief State School Officers (CCSSO) to conduct a comprehensive review of Michigan's information infrastructure and ability to meet federal data collection and reporting requirements including those of the No Child Left Behind (NCLB) Act of 2001. A detailed report, "The State of Michigan Decision Support Solutions Report" emerged from the Decision Support Architecture Consortium (DSAC) studies. The report provided an objective assessment and gap analysis of the current educational information system decision support capabilities as well as a roadmap for the deployment of information technologies, process reengineering, and organizational changes required meet federal and state data management requirements. Eleven projects were identified in this report, all of which significantly furthered the design of the proposed Longitudinal Data system.

Michigan's LDS grant deliverables align with the work outlined in the DSAC projects (aligned projects identified in bold type)

- 1. Decision Support System Architecture Master Plan**
- 2. Extension of unique student identifier to all agency systems of record**
- 3. Extended directory services (identity management or single-sign-on)**
- 4. Educational portal for applications, data and content**
5. MEAP formative assessments and test bank items
- 6. Architected platform for DSS**
- 7. Data warehouse/data mart platform**
- 8. Data reporting and analysis platform**
9. School improvement planner
10. e-grants and financial data
- 11. Project management office**

In partnership with Minnesota and Wisconsin, Michigan received a \$3 million grant to build a comprehensive multi-state longitudinal data system. The tri-state strategic plan identified five key components as necessary to accomplish the long range strategic goals of implementing a data portal, designing a warehouse and creating linked data sets: 1) data analysis and researcher requirements (supports project 8), 2) data access policies (supports projects 2, 3, 6, 7 & 8), 3) data dictionary (supports projects 1, 2 and 6), 4) data warehouse (supports projects 1, 6, 7 & 8), 5) secure data collection and transport (supports projects 2 & 3).

To meet the reporting needs of compliance and decision support, Michigan is focusing on following individual student data through the full data lifecycle that includes: 1) collection on an integrated source system (extending the Unique Identification Code), 2) longitudinal integration of student data and 3) support of school improvement

Michigan committed to achieving five specific milestones/deliverables in the first year of the grant. These milestones have been met and are detailed in Section B.

- M1) K-20 (DSS) design and governance model contract implemented
- M2) Master plan for K-20 (DSS) design and governance model completed by vendor. Includes all source systems, i.e.: assessment, special ed., K-12, 13-20, adult ed., etc.
- M3) Requirements gathering for integrated student data system with Michigan
- M4) Develop statements of work, ITBs and vendor selection for integrated student data system
- M5) Beta test longitudinal student assessment data linked by UIC with appropriate role-based access users